

CLAIM AMENDMENTS

The following is a complete list of claims. The claims below replace all prior versions of the claims in the application. Please amend claims 1, 13 and 24. Please cancel claims 23, 30 and 31. Please add claims 32 – 43.

1. (Currently Amended) A connector comprising:
 - a first contact that contacts a conductor of a first circuit in a first circuit board;
 - a second contact that contacts a conductor of a second circuit in either the first circuit board or a second circuit board; and
 - a capacitor coupled to between the first and second contacts, wherein the first and second contacts are coupled to each other via the capacitor only the capacitor being serially coupled only to the first and second contacts whereby,
the connector capacitively couples the conductor of the first circuit to the conductor of the second circuit.
2. (Original) The connector of claim 1 further comprising an electrically insulative body encapsulating the capacitor and carrying the first and second contacts.
3. (Original) The connector of claim 1 wherein one of the first and second contacts is a male contact.
4. (Original) The connector of claim 1 wherein one of the first and second contacts is a female contact.
5. (Original) The connector of claim 1 wherein the first and second contacts are disposed along a substantially common line.
6. (Original) The connector of claim 1 wherein the first and second contacts are disposed substantially transverse to each other.
7. (Original) The connector of claim 1 comprising a plurality of first contacts, a like plurality of second contacts, and a like plurality of capacitors, each

capacitor coupled between a different respective pair of the first and second contacts.

8. (Original) The connector of claim 7 wherein the plurality of first contacts and the plurality of second contacts lie in a substantially common plane.
9. (Original) The connector of claim 8 comprising plural contact sets of the plurality of first and second contacts lying in a substantially common plane.
10. (Original) The connector of claim 9 wherein the plural contact sets are disposed substantially parallel to each other.
11. (Original) The connector of claim 1 wherein one of the first and second circuits is an integrated circuit.
12. (Original) The connector of claim 1 wherein one of the first and second circuits is a printed circuitboard.
13. (Currently Amended) A connector comprising:
 - an insulative body;
 - a first contact carried by the body that contacts a conductor of a first circuit in a first circuit board;
 - a second contact carried by the body that contacts a conductor of a second circuit in either the first circuit board or a second circuit board;
and
 - a capacitor encapsulated within the body and coupled to between the first and second contacts, wherein the first and second contacts are coupled to each other via the capacitor only the capacitor being serially coupled only to the first and second contacts whereby,
the connector capacitively couples the conductor of the first circuit to the conductor of the second circuit.
14. (Original) The connector of claim 13 wherein one of the first and second contacts is a male contact.
15. (Original) The connector of claim 13 wherein one of the first and second contacts is a female contact.

16. (Original) The connector of claim 13 wherein the first and second contacts are disposed along a substantially common line.
17. (Original) The connector of claim 13 wherein the first and second contacts are disposed substantially transverse to each other.
18. (Original) The connector of claim 13 comprising a plurality of first contacts, a like plurality of second contacts, and a like plurality of capacitors, each capacitor coupled between a different respective pair of the first and second contacts.
19. (Original) The connector of claim 18 wherein the plurality of first contacts and the plurality of second contacts lie in a substantially common plane.
20. (Original) The connector of claim 19 comprising plural contact sets of the plurality of first and second contacts lying in a substantially common plane.
21. (Original) The connector of claim 20 wherein the plural contact sets are disposed substantially parallel to each other.
22. (Original) The connector of claim 13 wherein one of the first and second circuits is an integrated circuit.
23. Canceled
24. (Currently Amended) A connector comprising:
 - a plurality of first contacts, each first contact contacting a respective one of a like plurality of conductors of a first circuit in a first circuit board;
 - a second like plurality of contacts, each second contact contacting a respective one of a like plurality of conductors of a second circuit in either the first circuit board or a second circuit board and
 - a like plurality of capacitors coupled between respective pairs of the first and second contacts, each capacitor being serially coupled only to a respective pair of the first and second contacts whereby,
the connector capacitively couples each conductor of the first circuit to a corresponding respective conductor of the second circuit.

25. (Original) The connector of claim 24 further comprising an electrically insulative body encapsulating the capacitor and carrying the first and second contacts.
26. (Original) The connector of claim 24 wherein corresponding first and second contacts are disposed along a substantially common line.
27. (Original) The connector of claim 24 wherein the first contacts and the second contacts are disposed substantially transverse to each other.
28. (Original) The connector of claim 7 wherein the plurality of first contacts and the plurality of second contacts are divided into contact sets and wherein the first and second contacts of each contact set lie in a substantially common plane.
29. (Original) The connector of claim 28 wherein the contact sets are disposed substantially parallel to each other.
30. Canceled
31. Canceled
32. (New) A connector comprising:
 - a first contact that contacts a conductor of a first circuit in a first circuit board;
 - a second contact that contacts a conductor of a second circuit in either the first circuit board or a second circuit board;
 - a capacitor coupled between the first and second contacts, the capacitor being serially coupled only to the first and second contacts whereby, the connector capacitively couples the conductor of the first circuit to the conductor of the second circuit; and

wherein the first and second contacts are disposed along a substantially common line.
33. (New) A connector comprising:
 - a first contact that contacts a conductor of a first circuit in a first circuit board;

a second contact that contacts a conductor of a second circuit in either the first circuit board or a second circuit board;

a capacitor coupled between the first and second contacts, the capacitor being serially coupled only to the first and second contacts whereby, the connector capacitively couples the conductor of the first circuit to the conductor of the second circuit; and

wherein the connector comprises a plurality of first contacts, a like plurality of second contacts, and a like plurality of capacitors, each capacitor coupled between a different respective pair of the first and second contacts.

34. (New) The connector of claim 33 wherein the plurality of first contacts and the plurality of second contacts lie in a substantially common plane.
35. (New) The connector of claim 34 comprising plural contact sets of the plurality of first and second contacts lying in a substantially common plane.
36. (New) The connector of claim 35 wherein the plural contact sets are disposed substantially parallel to each other.
37. (New) The connector of claim 33 wherein the plurality of first contacts and the plurality of second contacts are divided into contact sets and wherein the first and second contacts of each contact set lie in a substantially common plane.
38. (New) The connector of claim 37 wherein the contact sets are disposed substantially parallel to each other.
39. (New) A connector comprising:
 - an insulative body;
 - a first contact carried by the body that contacts a conductor of a first circuit in a first circuit board;
 - a second contact carried by the body that contacts a conductor of a second circuit in either the first circuit board or a second circuit board;
 - a capacitor encapsulated within the body and coupled between the first and second contacts, the capacitor being serially coupled only to the first and second contacts whereby, the connector capacitively couples

the conductor of the first circuit to the conductor of the second circuit;
and

wherein the first and second contacts are disposed along a substantially common line.

40. (New) A connector comprising:

an insulative body;

a first contact carried by the body that contacts a conductor of a first circuit in a first circuit board;

a second contact carried by the body that contacts a conductor of a second circuit in either the first circuit board or a second circuit board;

a capacitor encapsulated within the body and coupled between the first and second contacts, the capacitor being serially coupled only to the first and second contacts whereby, the connector capacitively couples the conductor of the first circuit to the conductor of the second circuit; and

the connector comprises a plurality of first contacts, a like plurality of second contacts, and a like plurality of capacitors, each capacitor coupled between a different respective pair of the first and second contacts.

41. (New) The connector of claim 40 wherein the plurality of first contacts and the plurality of second contacts lie in a substantially common plane.
42. (New) The connector of claim 41 comprising plural contact sets of the plurality of first and second contacts lying in a substantially common plane.
43. (New) The connector of claim 42 wherein the plural contact sets are disposed substantially parallel to each other.